PATENT APPLICATION
Do. No. 5087-0143

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Robert Mack

Serial No.   10/775,668

Confirmation No.   1456

Filed: February 9, 2004

Examiner: Helene E. Tayong

Group Art Unit: 2611

For: ENCODING SCHEME FOR DATA TRANSFER

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Enclosed for filing in the above-referenced application are the following:

☒ Power of Attorney and Revocation of Prior Powers (1 page)
☒ Exhibit A (4 pages)
☒ 373(b) Statement of Ownership (1 page)
☒ Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

Date: January 11, 2008   Signature   /Stephen S. Ford/
                                                Stephen S. Ford
                                                Reg. No. 35,139
                                                Attorney for Assignee

I hereby certify this information is being
transmitted to the U.S, Patent and Trademark
Office via facsimile number (571) 273-8300 on
January 11, 2008.
Total Pages: 7 pages

Signature Christina Causton

Do. No. 5087-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of: Exhibit A

Serial No.:   Exhibit A

Filed: Exhibit A

Date: January 10, 2008

Commissioner for Patents
P.O. Box 1450
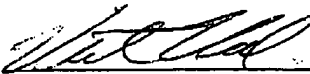Alexandria, VA 22313-1450

POWER OF ATTORNEY AND REVOCATION OF PRIOR POWERS

I, Victoria Tidwell, Vice President of Legal Affairs and Assistant General Counsel of Cypress Semiconductor Corporation am an authorized person to sign on behalf of Cypress Semiconductor Corporation having place of business at 198 Champion Court, San Jose, California, 95134, assignee of the entire right, title and interest of the United States patents and patent applications, set forth on attached Exhibit A, by assignment recorded in the U.S. Patent and Trademark Office as noted thereon represent that I am empowered to sign on behalf of assignee.

I revoke all power of attorney previously given and appoint the attorneys and agents associated with Customer number 73552 to represent Cypress Semiconductor Corporation before the United States Patent and Trademark Office in connection with patents and patent applications listed on Exhibit A.

Direct all telephone calls to Stephen S. Ford at (503) 224-2170 and send all correspondence to the following address associated with Customer No. 73552.

STOLOWITZ FORD COWGER LLP
621 SW Morrison Street, Suite 600
Portland, OR 97205

Date: 1/8/08

Victoria Tidwell
V.P. of Legal Affairs/ Assistant General Counsel
CYPRESS SEMICONDUCTOR CORP.

198 Champion Court
San Jose, California 95134

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EXHIBIT A

JAN 1 4 2008

DO. NO.	PATENT NO.	APP. DATE	APP. NUMBER	GRANT DATE	TITLE
5087-0047		28-Jun-02	10/187,346		PHONE CONVERTER
5087-0050		25-Jun-02	10/180,475		VISUAL CONNECTION SPEED INDICATOR
5087-0051		28-Jun-02	10/186,910		ENABLING MULTIPLE ATA DEVICES USING A SINGLE BUS BRIDGE
5087-0074	6,737,877	30-Aug-02	10/232,920	18-May-04	METHOD AND CIRCUIT FOR READING A POTENTIOMETER
5087-0075		16-Dec-02	10/321,128		METHOD AND APPARATUS FOR EXPOSING HOST RESOURCE DEVICES THROUGH ADAPTER
5087-0083		5-May-04	10/839,817		METHOD AND APPARATUS FOR WIRELESSLY CONNECTING USB PERIPHERALS TO A USB HOST
5087-0099	7,221,926	5/17/2002	10/147,839	5/22/2007	SHORT RANGE RADIO
5087-0101	7,230,970	17-May-02	10/147,828	12-Jun-07	RANDOM NUMBER GENERATOR
5087-0113		4-Jun-04	10/861,714		BALL GRID ARRAY (BGA) PACKAGE HAVING INTEGRATED ANTENNA
5087-0114		3-Jun-04	10/860,856		SYSTEM FOR NOISE REDUCTION IN CIRCUITS
5087-0123		18-Jun-04	10/871,328		METHOD AND APPARATUS FOR SWITCHING USB DEVICES BETWEEN MULTIPLE USB HOSTS
5087-0124		23-Jun-04	10/875,561		METHOD AND APPARATUS FOR SENSING MOVEMENT OF A HUMAN INTERFACE DEVICE
5087-0125	7,215,246	6/24/2004	10/877,296	5/8/2007	BINDING FOR ONE WAY WIRELESS TRANSMISSION
5087-0135		26-Nov-04	10/998,266		METHOD AND APPARATUS FOR PROVIDING POWER TO A WIRELESS SWITCH
5087-0136		7-Dec-04	11/006,944		METHOD AND APPARATUS FOR DETECTING MOVEMENT IN AN ELECTRONIC DEVICE
5087-0137		23-Dec-03	10/746,774		METHOD AND APPARATUS FOR REMOTE OPERATION OF A USB PERIPHERAL
5087-0142		7-Dec-04	11/006,934		METHOD AND APPARATUS FOR USING EMPTY SLOTS FOR SPREAD SPECTRUM ENCODING
5087-0143		9-Feb-04	10/775,668		ENCODING SCHEME FOR DATA TRANSFER

EXHIBIT A

DD NO.	PATENT NO.	APP. DATE	APP. NUMBER	GRANT DATE	TITLE
5087-0146		7-Dec-04	11/007,072		METHOD AND APPARATUS FOR BINDING PERIPHERAL DEVICES TO A COMPUTER
5087-0147		7-Dec-04	11/006,998		METHOD OF TUNING A RADIO RECEIVER TO A RADIO TRANSMITTER
5087-0149		23-Mar-05	11/089,630		CHIRPED SURFACE ACOUSTIC WAVE (SAW) CORRELATOR/EXPANDER
5087-0151		18-Mar-05	11/083,534		METHOD AND APPARATUS FOR USING VALID BITS FOR ERROR CORRECTION
5087-0154	7,158,056	8-Jul-04	10/888,666	2-Jan-07	METHOD AND APPARATUS FOR SCANNING A KEY OR BUTTON MATRIX
5087-0157	7,221,233	24-Sep-04	10/949,176	22-May-07	NONVOLATILE PROGRAMMABLE CRYSTAL OSCILLATOR CIRCUIT
5087-0158		21-Jun-05	11/158,633		MULTI-FUNCTION VRAM DEVICE
5087-0160		15-Jun-05	11/154,097		RADIO COMMUNICATION DEVIEC AND METHOD
5087-0161			11/222,546		COMPRESSED REPORT DESCRIPTORS FOR USB DEVICES
5087-0162			11/207,433		REVERSIBLE PN-CODES IN DIRECT SEQUENCE SPREAD SPECTRUM SYSTEMS
5087-0163			11/206,373		METHOD FOR PROVIDING PACKET FRAMING IN A DSSS RADIO SYSTEM
5087-0167			11/245,272		TIME DIVISION MULTIPLEXING PROTOCOL FOR WIRELESS NETWORKS
5087-0168			11/193,220		DYNAMIC DATA RATE USING MULTIPLICATIVE PN-CODES
5087-0169		16-Feb-05	11/060,451		USB SECURE STORAGE APPARATUS AND METHOD
5087-0170		30-Dec-04	11/027,005		METHOD AND APPARATUS FOR BINDING WIRELESS DEVICES
5087-0172		29-Jun-06	11/427,712		CIRCUIT AND METHOD FOR SELECTABLE HIGH/LOW SIDE INJECTION IN AN INTERMEDIATE FREQUENCY TRANSCEIVER
5087-0174		27-Oct-05	11/261,166		FREQUENCY OFFSET AND METHOD OF OFFSETTING
5087-0177		16-Nov-05	11/281,661		SPREAD SPECTRUM CLOCK FOR USB
5087-0178		30-Aug-06	11/468,534		IMPROVED METHOD FOR CHANNEL AGILITY IN WIRELESS ACCESS POINTS
5087-0179		30-Sep-05	11/240,908		A SIMPLIFIED UNIVERSAL SERIAL BUS (USB) HUB ARCHITECTURE
5087-0182		30-Aug-06	11/468,569		FLASH DRIVE FAST WEAR LEVELING

EXHIBIT A

DO. NO.	PATENT NO.	APP. DATE	APP. NUMBER	GRANT DATE	TITLE
5087-0184		7-Dec-05	11/297,505		APPARATUS AND METHOD FOR FREQUENCY CALIBRATION BETWEEN TWO RADIOS
5087-0185		24-Aug-06	11/467,067		CIRCUIT FOR CREATING TRACKING TRANSCONDUCTORS OF DIFFERENT TYPES
5087-0187		27-Dec-06	11/616,779		CIRCUIT FOR READING BUTTONS AND CONTROLLING LEDS
5087-0190		28-Nov-06	11/563,875		METHOD TO USE OPTICAL MOUSE AS BARCODE SCANNER
5087-0191		5-Dec-06	11/567,144		WIRELESS LOCATING AND MONITORING SYSTEM
5087-0192		22-Mar-07	11/690,010		LOW OUTPUT-TO-OUTPUT SKEW/LOW JITTER STAGGERED OUTPUT BUFFER
5087-0193		31-Jan-06	11/344,745		REMOTE CONTROL SYSTEM
5087-0194		14-Mar-06	11/375,852		FREQUENCY AGILE RADIO SYSTEM AND METHOD
5087-0201		13-Mar-07	11/685,582		MULTIPLE LAYER ANTENNA FOR WIRELESS APPLICATIONS
5087-0215		27-Sep-07	11/863,013		ASYNCHRONOUS MEMORY ACCESS QUEUING
5087-0221		14-Dec-06	60/870,076		IMPLEMENTATION OF LOGICAL ENDPOINTS IN USB DEVICE
5087-0222					RENUMERATION OPINION WORK
5087-0226					INFRINGEMENT OPINION REGARDING USPN 7,023,058.
5087-0227		20-Dec-06	11/613,946		METHOD AND APPARATUS FOR SCANNING A KEY OR BUTTON MATRIX
5087-0233		20-Mar-07	11/688,832		POWER SHARING BASED ON COMMUNICATION
5087-0234		22-Feb-07	60/891,207		CURSOR CONTROL DEVICE
5087-0241		22-Mar-07	11/689,929		METHOD FOR EXTENDING THE LIFE OF TOUCH SCREENS
5087-0254					NONINFRINGEMENT OPINION OF US PATENT NOS 5,440,749, 5,784,584 AND 5,809,236
5087-0255		28-Sep-07	60/976,398		WIRELESS COMMUNICATION IN A SENSOR
5087-0256		17-Apr-07	60/912,399		PROGRAMMABLE SYSTEM ON A CHIP, ENHANCED ANALOG TO DIGITAL CONVERSION, IMPROVED DIGITAL FILTERING, TRANSISTOR LEVEL CIRCUITRY

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EXHIBIT A

DO. NO.	PATENT NO.	APP. DATE	APP. NUMBER	GRANT DATE	TITLE
					AND REGISTER DESIGN (SEATTLE PATENT BLITZ)
5087-0257		18-Apr-07	60/912,577		IMPROVED LCD DRIVER ARCHITECTURE
5087-0258		1-Oct-07	11/865,672		TEMPERATURE SENSOR WITH DIGITAL BANDGAP
5087-0261		19-Sep-07	11/857,947		State-Monitoring Memory Element
5087-0262		21-Sep-07	11/859,547		ORTHOGONAL REGISTER ACCESS
5087-0265		14-Sep-07	11/855,281		REDUCING POWER CONSUMPTION IN A LIQUID CRYSTAL DISPLAY
5087-0266		22-Aug-07	11/843,216		NON-RESISTIVE LOAD DRIVER
5087-0267		26-Jun-07	11/768,677		SELF-CALIBRATING DRIVER
5087-0269		19-Sep-07	11/857,970		SIMPLIFIED USB CONTROLLER ARCHITECTURE
5087-1002		15-Oct-07	11/872,499		VISUAL CONNECTION SPEED INDICATOR
5087-1020		13-Dec-07	11/956,273		IMPLEMENTATION OF LOGICAL ENDPOINTS IN USB DEVICE
5087-0084		5-May-04	10/839,882		BATTERY WITH ELECTRONIC
5087-0263		27-Dec-07	11/965,520		ACTIVE LCD DRIVERS AND DUTY CYCLE OPERATION
5087-0268		27-Dec-07	11/965,485		DISPLAY INTERFACE BUFFER
5087-1000		28-Dec-07	11/966,927		CELLULAR COMMUNICATION DEVICE WITH WIRELESS POINTING DEVICE FUNCTION
5087-1003		21-Dec-07	11/963,661		UNIVERSAL DIGITAL BLOCK WITH INTEGRATED ARITHMETIC LOGIC UNIT
5087-1004		31-Dec-07	11/968,119		PRESSURE DETECTION SYSTEM FOR TOUCH-SENSE DEVICES
5087-1009		31-Dec-07	11/968,145		DYNAMICALLY CONFIGURABLE AND RE-CONFIGURABLE DATA PATH
5087-1010		27-Dec-07	11/965,677		GLOBAL INTERCONNECT WITH PROGRAMMABLE SWITCHING
5087-1011		27-Dec-07	11/965,291		UDB INTERCONNECTION AND CHANNEL ROUTING
5087-1012		30-Dec-07	11/967,240		SELF-TIMED SYNCHRONOUS MEMORY
5087-1013		30-Dec-07	11/967,243		HIGH SPEED DUAL PORT MEMORY WITHOUT SENSE AMPLIFIER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Robert Mack

Serial No.   10/775,668

Confirmation No.   1456

Filed: February 9, 2004

Examiner: Helene E. Tayong

Group Art Unit: 2611

For: ENCODING SCHEME FOR DATA TRANSFER

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Cypress Semiconductor Corporation, whose principal place of business is located at 198 Champion Court, San Jose, CA 95134, states that it is:

1.   ☒   the assignee of the entire right, title and interest; or

2.   ☐   an assignee of less than the entire right, title and interest
         The extent (by percentage) of its ownership is _____%

in the patent application/patent identified above by virtue of either:

A.   ☒   An assignment from the inventor(s) of the patent application/patent identified
         above. The assignment was recorded in the United States Patent and Trademark Office at
         Reel 014960, Frame 0469, recorded on August 4, 2004.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date: January 11, 2008   Signature   /Stephen S. Ford/_____
                                                 Stephen S. Ford
                                                 Reg. No. 35,139
                                                 Attorney for Assignee